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1600

RAW SEQUENCE LISTING

DATE: 11/06/2002

PATENT APPLICATION: US/09/788,308D

TIME: 14:15:27

Input Set : A:\Northwestern 6374.ST25.txt

Output Set: N:\CRF4\11062002\I788308D.raw

3 <110> APPLICANT: Northwestern University
 5 <120> TITLE OF INVENTION: Polypeptoid Pulmonary Surfactants
 7 <130> FILE REFERENCE: 6374
 9 <140> CURRENT APPLICATION NUMBER: US 09/788,308D
 10 <141> CURRENT FILING DATE: 2001-02-16
 12 <150> PRIOR APPLICATION NUMBER: US 60/182,847
 13 <151> PRIOR FILING DATE: 2000-02-16
 15 <160> NUMBER OF SEQ ID NOS: 4
 17 <170> SOFTWARE: PatentIn version 3.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 9
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Homo sapiens
 24 <220> FEATURE:
 25 <221> NAME/KEY: MISC_FEATURE
 26 <222> LOCATION: (1)..(2)
 27 <223> OTHER INFORMATION: Either Phe, Cys with an attached palmitoyl residue, or N-
 substitu
 28 ted peptoid
 31 <220> FEATURE:
 32 <221> NAME/KEY: MISC_FEATURE
 33 <222> LOCATION: (9)..(9)
 34 <223> OTHER INFORMATION: One or more N-substituted glycine residues, such substituents
 inc
 35 luding but not limited to a proteinogenic amino acid side chain o
 36 r a carbon analog thereof
 39 <400> SEQUENCE: 1
 W--> 41 Xaa Xaa Pro Val His Leu Lys Arg Gly
 42 1 5
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 79
 47 <212> TYPE: PRT
 48 <213> ORGANISM: Homo sapiens
 50 <400> SEQUENCE: 2
 52 Phe Pro Ile Pro Leu Pro Tyr Cys Trp Leu Cys Arg Ala Leu Ile Lys
 53 1 5 10 15
 56 Arg Ile Gln Ala Met Ile Pro Lys Gly Ala Leu Arg Val Ala Val Ala
 57 20 25 30
 60 Gln Val Cys Arg Val Val Pro Leu Val Ala Gly Gly Ile Cys Gln Cys
 61 35 40 45
 64 Leu Ala Glu Arg Tyr Ser Val Ile Leu Leu Asp Thr Leu Leu Gly Arg
 65 50 55 60
 68 Met Leu Pro Gln Leu Val Cys Arg Leu Val Leu Arg Cys Ser Met
 69 65 70 75

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72 <210> SEQ ID NO: 3

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73 <211> LENGTH: 35

74 <212> TYPE: PRT

75 <213> ORGANISM: Homo sapiens

77 <400> SEQUENCE: 3

79 Phe Gly Ile Pro Cys Cys Pro Val His Leu Lys Arg Leu Leu Ile Val

80 1 5 10 15

83 Val Val Val Val Val Leu Ile Val Val Val Ile Val Gly Ala Leu Leu

84 20 25 30

87 Met Gly Leu

88 35

91 <210> SEQ ID NO: 4

92 <211> LENGTH: 24

93 <212> TYPE: PRT

94 <213> ORGANISM: Homo sapiens

96 <220> FEATURE:

97 <221> NAME/KEY: MISC_FEATURE

98 <222> LOCATION: (9)..(24)

99 <223> OTHER INFORMATION: Fifteen N-substituted glycine residues, each such residue 2-methy

100 lpropyl substituted.

103 <400> SEQUENCE: 4

105 Phe Phe Pro Val His Leu Lys Arg Gly Gly Gly Gly Gly Gly Gly Gly

106 1 5 10 15

109 Gly Gly Gly Gly Gly Gly Gly Gly

110 20

RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2

VERIFICATION SUMMARY

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L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0